ABSTRACT OF THE DISCLOSURE

The present invention relates to genetic engineering, and especially to cDNA synthesis and cDNA cloning. More specifically, a method is presented for increasing the processivity of a DNA- or RNA-dependent RNA- or DNA-polymerase comprising an addition of a general nucleic acid binding protein. In particular, the present invention relates to methods for increasing the processivity of reverse transcriptase (RT) *E. Coli* DNA polymerase and T7 DNA polymerase using a nucleic acid binding protein such as Ncp7, recA, SSB and T4gp32. The invention further relates to assays to identify and select agents capable of increasing the processivity of a DNA or RNA-dependent polymerase, such as MMTV RT, AMV RT, T7 DNA polymerase and *E-coli* DNA polymerase. In a particularly preferred embodiment, the invention relates to a method for increasing the generation of full-length cDNA clones using a nucleic acid binding protein such as Ncp7, recA, SSB and T4gp32.